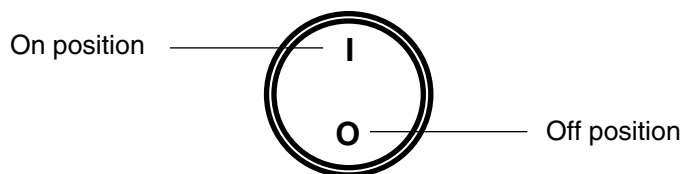# clarion *FM201*   User Guide and Product Data Sheet

The Clarion FM201 is a two-channel stereo FM modulator with selectable FM frequencies, variable gain, and a remote on/off switch. It allows the addition of auxiliary audio sources to any FM radio (even those lacking auxiliary inputs). It can be used with DVD players, videocassette players, MP3 players, and more.

On/Off Switch

To use the FM201:

1) Turn the On/Off switch to the On position (This is the position with the "I" icon).

2) Turn on the radio and select the FM band. Tune in either 88.7 or 89.1 (your installer can advise you which frequency setting is being used in your installation). Once you determine the correct frequency, it is a good idea to store the frequency using one of your radio's preset keys.

3) Turn on the auxiliary audio source (VCR, DVD, MP3 player, etc.) and begin playback. The sound from the source unit should now be audible over your speakers.

4) To return to standard radio use, turn the On/Off switch to the Off position (this is the position with the "O" icon).

On position ———— I

O ———— Off position

Specifications:
Operating Voltage: 14.4V DC Nom.
 (Oper   ating Range 10.8 to 15.6V DC)

Max. Current Consumption: 200mA

Operating Frequencies: 88.7, 89.1 FM

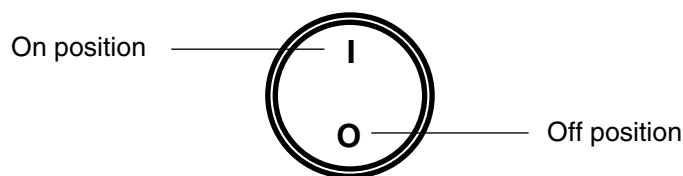Fuse rating (in Fuse/Filter box): 2A AGC

Parts List:
(1) FM Modulator Main Unit with integrated harness.
(1) On/Off Switch with integrated harness.

Installation

1. Find a suitable location for the On / Off switch
Be sure that it is within easy reach of the dr   iver
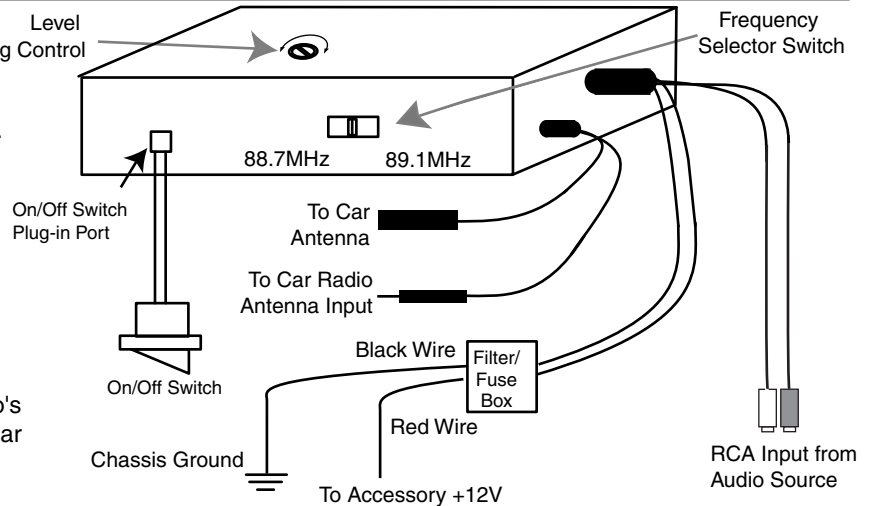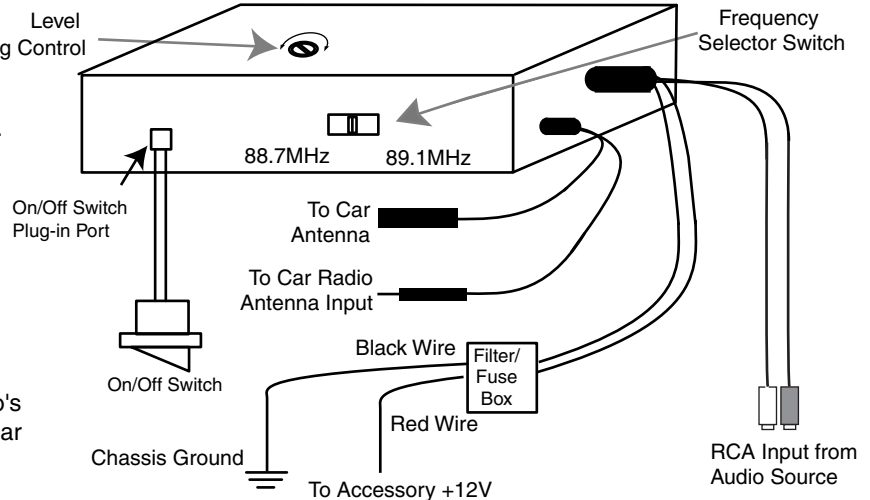and can be oper   ated safely from the seated position.

*NO   TE: The On/Off switch requires a flat surface at
least 3/4" in diameter f   or mounting, with 1" rear
clear   ance. The switch is provided with 36" of wire -
tak   e this into account when selecting a location, or
y   ou will have to extend the switch wires.*

2. Connect the RCA inputs to the audio source .

3. Connect the male antenna connector to the car r adio's
FM antenna input, and the f   emale connector to the car
antenna.

*NO   TE: Some vehicles may require antenna
adapters (sold separ   ately).*

4. Connect the Blac k wire to chassis ground.

5. Connect the Red wire to accessor y +12V.

*NO   TE: Connecting to accessory +12V will ensure that
the FM modulator tur   ns off when the ignition is turned
off   . Connecting this wire to +12V Constant may cause
batter   y drain issues, and is **not** recommended.*

10-FM201-00 (Rev. A)   2001 Clarion Co., Ltd.

Level Matching Control
Frequency Selector Switch
88.7MHz   89.1MHz
On/Off Switch Plug-in Port
On/Off Switch
Chassis Ground
To Car Antenna
To Car Radio Antenna Input
Black Wire
Filter/ Fuse Box
Red Wire
To Accessory +12V
RCA Input from Audio Source

Set-up and Testing

1. Set the F requency Select switch to either 88.7 or 89.1. If a local radio
station uses the first frequency selected, use the other frequency   .

2. Switch the On / Off s witch to On (the "I" position).

3. Turn on the car radio and tune to the frequency selected in Step 1.

4. Turn on the audio source connected to the FM Modulator. This audio
source should no   w be heard over the vehicle speakers.

5. Set the le vel matching control so that the volume level over the
speak   ers is the same as when listening to radio stations. If loud
passages sound distor   ted, lower the Level Matching Control setting.